

# HAYMES INDUSTRIAL COATING SOLUTIONS

## Universal Primer

Product Code: IUPG

### Product description

Haymes Universal Primer is a 1K high build primer designed for use on bare metal, as well as previously painted surfaces in a sound condition. This product can be sprayed wet on wet. Suitable for use under Haymes Industrial Coating Solutions Topcoats.



#### Key Features

- ✓ High filling and fast drying.
- ✓ Excellent adhesion to ferrous and non-ferrous substrates.
- ✓ Easy to sand with reduced paper clogging.

Volume Solids %	Weight Solids %	Density		VOC	
		g/mL	lbs/US Gal	g/L	lbs/US Gal
28.9	49.6	1.146	9.56	576.1	4.81

### Where to Use (Substrates)

Mild steel surfaces, aluminium, galvanised steel, polyester filler, glass reinforced polyester (GRP & general types of fibreglass body parts), and previously painted substrates in sound condition.

### Surface Preparation



All Substrates

All surfaces must be thoroughly sanded and cleaned with Haymes Wax and Grease Remover prior to application.

#### Special Notes:

- Surfaces must be clean, bare, dry and free of dust, wax, grease, surface contamination and oxidation prior to painting.
- Use white or light-coloured primers under bright yellows, oranges and reds, if required.
- The above systems are examples only. For further information, please contact Haymes Paint on 1800 033 431.

### Product Preparation








Reducer






Up to 50% (v/v) of Haymes 2K Thinner or Haymes Multi Thinner.



Pot Life  
@ 25°C

N/A.

Product Preparation				
 <b>Spray viscosity @ 25°C</b>	BSB 4 Cup	22 to 24 s		
	Ford 4 Cup	19 to 21 s		
Spray Equipment	Gun type	Fluid tip	Spray pressure	Spray distance
	Gravity Feed	1.4-1.6 mm	2.0 – 2.4bar 30 - 35psi	15 - 20cm 6 - 8inch
	Suction Feed	1.5-1.8 mm	2.0 – 2.4bar 30 - 35psi	15 - 20cm 6 - 8inch
	HVLP	1.5-1.8mm	0.4 - 0.7bar 6 - 10psi	15 - 20cm 6 - 8inch
	Airless, Air Assisted, Electrostatic	Consult the spray gun manufacturer's instructions.		

Product Preparation (continued)	
 <b>Number Of coats</b>	2-3 = Apply one coat followed by one or two even full coats. Avoid heavy wet coats.
 <b>DFT Recommended</b>	50-80 µm.
 <b>Flash off time @ 25C</b>	10 mins between coats. This product can be sprayed wet on wet. Allow 20 mins before applying topcoat.
 <b>Drying</b>	Air Dry @ 25°C 1-2 hours for a Dry Film Thickness of 50 – 80 Micron. 5-10 min for wet-on-wet.
 <b>Sanding</b>	If required, wet sand with P600-P800 before applying finish coat, or dry sand with P400-P500 using an orbital sander.
<p>This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.</p>	

## Before Use



Stir all products thoroughly each time before use.



Surface temperature must always be a minimum of 3°C above dew point.

## Dry Film Properties (after 7 days drying, when compared to similar technology products)

<b>Adhesion</b>	Excellent.
<b>Corrosion protection</b>	Excellent.
<b>Durability</b>	Excellent.

## Equipment Cleaning

Use Haymes Industrial Coating Solutions 2K Thinner or Multi-Thinner.

## Storage

Store in a well-ventilated place. Keep cool. Store locked up.

## Coverage

Approximately 3.0 m<sup>2</sup>/L @ 80 Microns Dry Film Thickness.

## Safety & First Aid

For automotive and industrial use only by professional painters. Not recommended for sale to, or use by the general public. Before using, read and follow all label and Safety Data Sheet (SDS) precautions. If mixed with other components, the mixture will have hazards of all individual components.

Read and understand the Guidelines for the Safe Handling and Use of Isocyanate Containing Paints, including the use of approved respiratory protection and Personal Protective Equipment. Use only in a well-ventilated approved spray booth, according to local regulations.

## Protect our environment

DO NOT pour any leftover product down the drain. Retain in a marked, sealed container for future use or disposal via special chemical waste collection programs. Dried empty containers can be recycled and should be disposed of via recycling facilities.

## Manufacturer's comment

This product has been designed as part of a totally integrated application system. Use with any other manufacturer's product(s) or failing to follow application instructions, could result in detrimental effects on product performance, for which Henry Haymes Pty. Ltd. cannot be held responsible. Further information is available in the form of Safety Data and Product Information Sheets from Haymes Paint [www.haymespaint.com.au](http://www.haymespaint.com.au). We are continually updating materials and methods, so please ensure you have the latest information.

## Disclaimer

The information provided is correct at the time of preparation; however, it is the responsibility of those using this information to check that it is current prior to specifying, recommending or using product contained in this information. Because use conditions and applicable laws may differ from one location to another and may change with time, those using this information are responsible for determining whether products and the information in this document are appropriate for their use and for ensuring that workplace and disposal practices are in compliance with applicable laws and other government enactments. Haymes Paint assumes no obligation or liability for the information in this document. No express warranties are given except for any applicable written warranties specifically provided by Haymes Paint. All implied warranties including those of merchantability and fitness for a particular purpose are expressly excluded.

Henry Haymes Pty Ltd  
A.B.N. 14 004 201 638  
Waringa Drive  
Wendouree Industrial Estate  
Ballarat Vic 3350  
Free call 1800 033 431  
Free fax 1800 801 892  
[www.haymespaint.com.au](http://www.haymespaint.com.au)

**Date of Preparation**      2017.12.22